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District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

NM OIL CONSERVATION
ARTESIA DISTRICT
AUG 10 2018
RECEIVED

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45170	² Pool Code 56405	³ Pool Name SHUGART NORTH BONE SPRING
⁴ Property Code 322244	⁵ Property Name VIRGO 24/23 B2IL FEDERAL COM	
⁷ GRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 1H
⁹ Elevation 3644'		

¹⁰ Surface Location

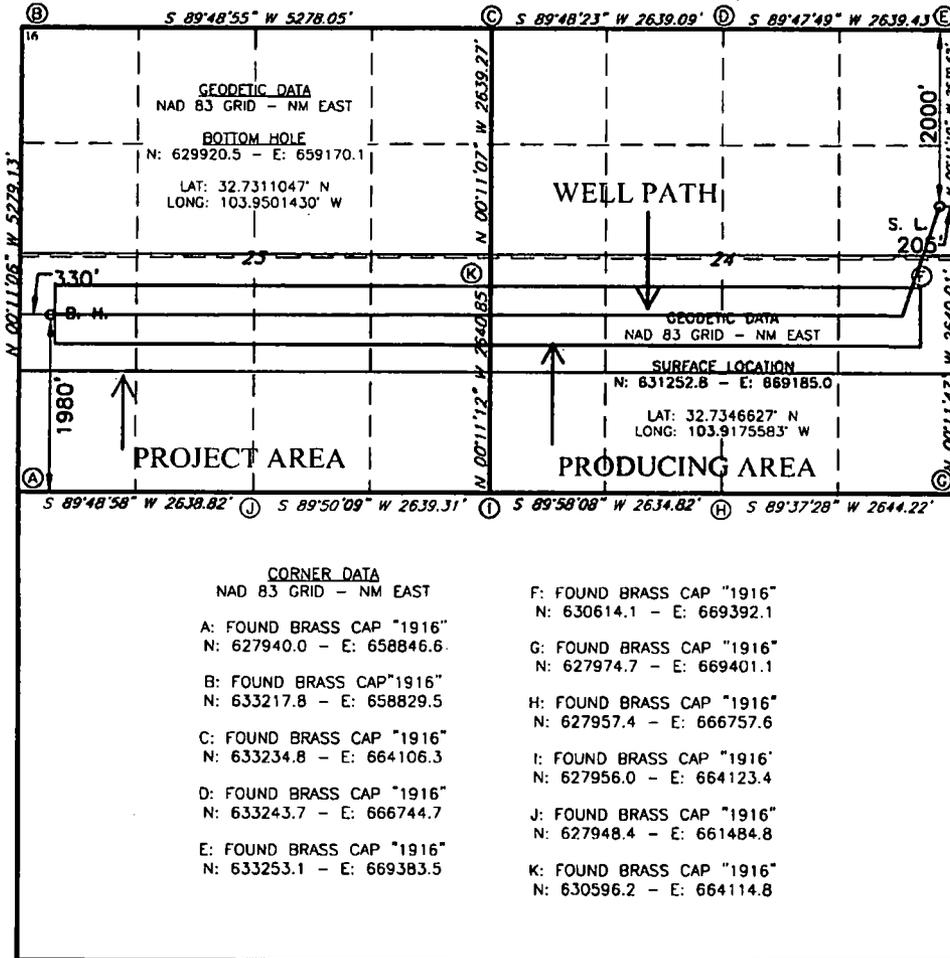
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	24	18S	30E		2000	NORTH	205	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	23	18S	30E		1980	SOUTH	330	WEST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



¹⁷ OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or in a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *Bradley Bishop* Date: 4-27-18
Printed Name: **BRADLEY BISHOP**
E-mail Address: **BBISHOP@MEWBOURNE.COM**

¹⁸ SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

3-22-2018
Date of Survey
Signature and Seal of Professional Surveyor: *Robert M. Howett*
19880
Certificate Number

Job No.: LS1602072R

Rup, 8-13-18



APD ID: 10400029846

Submission Date: 04/27/2018

Highlighted data
reflects the most
recent changes

Operator Name: MEWBOURNE OIL COMPANY

Well Name: VIRGO 24/23 B2IL FED COM

Well Number: 1H

Show Final Text

Well Type: OIL WELL

Well Work Type: Drill

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
1	UNKNOWN	3644	27	27		NONE	No
2	RUSTLER	2847	550	550	DOLOMITE, ANHYDRITE	USEABLE WATER	No
3	TOP SALT	2647	750	750	SALT	NONE	No
4	BASE OF SALT	1834	1810	1810	SALT	NONE	No
5	YATES	1674	1970	1970	SANDSTONE	NATURAL GAS, OIL	No
6	SEVEN RIVERS	1454	2190	2190	DOLOMITE	NATURAL GAS, OIL	No
7	QUEEN	504	3140	3140	SANDSTONE, DOLOMITE	NATURAL GAS, OIL	No
8	GRAYBURG	54	3590	3590		NATURAL GAS, OIL	No
9	DELAWARE	-981	4625	4625	LIMESTONE	NATURAL GAS, OIL	No
10	BONE SPRING	-2186	5830	5830	LIMESTONE, SHALE	NATURAL GAS, OIL	No
11	BONE SPRING 1ST	-4006	7650	7650	SANDSTONE	NATURAL GAS, OIL	No
12	BONE SPRING 2ND	-4626	8270	8270	SANDSTONE	NATURAL GAS, OIL	Yes

Section 2 - Blowout Prevention

Pressure Rating (PSI): 3M

Rating Depth: 19062

Equipment: Annular, Pipe Ram, Blind Ram

Testing Variance? YES

Variance request: A variance is requested for the use of a flexible choke line from the BOP to choke manifold. Anchors are not required by the manufacturer. A multibowl wellhead is being used. See attached schematic.

Testing Procedure: BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The system may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and